**Week 17**

**17.1 PayTM – 1**

* The bank would hit our always hosted backend API to tell that the payment was done. This is called a webhook.
* Our frontend does not tell our backend but the bank tells our backend directly because if a frontend did tell then a user could have send a malformed request to the backend.
* The bank and webhook share a secret called a webhook secret so that no one else can hit the webhook.
* In Turborepo, all dependencies would usually be present in the root folder.
* In Turborepo, you export from one package.json and put as a dependency in another package.json.

**17.2 PayTM – 2**

* db and store in packages.
* Setup the prisma db folder in packages folder.
* Use the blog post prisma with next.js to set up prisma.
* Add specific .env for user-app and merchant-app.
* Use bcrypt.hash for hashing the password. bcrypt.compare for comparing the passwords and doing password validation.
* create a new folder bank-webhook. Use esbuild.
* The webhook should ideally use a secret.
* Take a look at the db schema. onRamp transaction is important. It lets the user know of all the incoming txns that they have done when they visit the transactions page.
* Providers.tsx – Understand it well.